| FORM PTÖ-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. P-5299 | SERIAL NO. 10/045,949 | |
|---|---|---------------------------------|--------------------------|--|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | APPLICANT Kenneth A. Davis | | |
| | · | FILING DATE January 11, 2002 | GROUP 1644 | |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|--------------------|---------|----------------|-------|----------|----------------------------|
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| R | 5,635,363 | 06/1997 | Altman et al. | | | |
| | 5,804,387 | 09/1998 | Cormack et al. | - | | |
| | 6,015,844 | 01/2000 | Schneck et al | | | |
| | 6,090,919 | 07/2000 | Cormack et al. | | | |
| | 6,140,113 | 10/2000 | Schneck et al. | ~ | | - |

| FOREIGN PATENT DOCUMENTS | | | | TRANSLATION | | | |
|--------------------------|---|------|---------|-------------|----------|---------|----|
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | YES | NO |
| | , | | | | | | |
| | OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | |
| R | Doherty, P.C. et al, "ACCESSING COMPLEXITY: The Dynamics of Virus-Specific T Cell Responses," Annual Review Immunology, 18:561-592 (2000). | | | | | | |
| | Ogg, G.S. et al, "Quantitation of Antigen-Specific CD8 + T-cell responses", Immunology Letters, 66(1-3):77-90 (1999) | | | | | | |
| | Maini, M.K., et al, "T-cell Clonality in Immune Responses", Immunology Today, 20(6); 262-266 (1999) | | | | | | |
| | Doherty, P.C., "The New Numerology of Immunity Mediated by Virus-Specific CD8+ T Cells", Current Opinions in Microbiology; 1(4):419-422 (1998) | | | | | Cells", | |
| | Reichstetter, S. et al, "Distinct T Cell Interactions with HLA Class II Tetramers Characterize a Spectrum of TCR Affinities in the Human Antigen-Specific T-Cell Response ¹ ", Journal of Immunology, 165(12):6994-6998 (2000) | | | | | | |

DATE CONSIDERED //

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

ATTY. DOCKET NO. P-5299

SERIAL NO. 10/045,949

APPLICANT Kenneth A. Davis

FILING DATE January 11, 2002 GROUP 1644

| | OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |
|---|---|
| P | Kwok, W.W. et al, "HLA-DQ Tetramers Identify Epitope-Specific T Cells in Peripheral Blood of Herpes Simplex Virus Type 2-Infected Individuals: Direct Detection of Immunodominant Antigen-Responsive Cells ¹ ", Journal of Immunology 164(8):4244-4249 (2000) |
| | Liu, C.P., et al, "Detection of Glutamic Acid Decarboxylase-Activated T Cells with 1-A ^{g7} Tetramers", Proceedings of the National Academy of Sciences USA, 97(26):14596-14601 (2000) |
| 0 | Novak, E.J., et al, "MHC Class II Tetramers Identify Peptide-Specific Human CD4 ⁺ T Cells Proliferating In Response to Influenza A Antigen", Journal of Clinical Investigation, 104(12):R63-7 (1999) |
| | Crawford, F., et al, "Detection of Antigen-Specific T Cells with Multivalent Soluble Class II MHC Covalent Peptide Complexes", <i>Immunity</i> , 8:675-682 (1998) |
| | Kozono, H., et al, "Production of Soluble MHC Class II Proteins with Covalently Bound Single Peptides", Nature 369:151-154 (1994) |
| | Altman, J.D., et al, "Phenotypic Analysis of Antigen-Specific T Lymphocytes", Science, 274:94 (1996) |
| | Matsui, K., et al, "Low Affinity Interaction of Peptide-MHC Complexes with T Cell Receptors", Science, 254:1788-1791 (1991) |
| | Matsui, K., et al, "Kinetics of T-Cell Receptor Binding to Peptide/I-E ^k Complexes: Correlation of the Dissociation Rate with T-Cell Responsiveness", Proceedings of the National Academy of Science USA, 91:12862-12866 (1994) |
| | Dal Porto, J., et al, "A Soluble Divalent Class I Major Histocompatibility Complex Molecule Inhibits Alloreactive T cells at Nanomolar Concentrations", Proceedings of the National Academy of Science USA, 90:6671-6675 (1993) |
| | Greten, T.F., et al, "Direct Visualization of Antigen-Specific T Cells: HTLV-1 Tax11-19-Specific CD8 ⁺ T Cells are Activated in Peripheral Blood and Accumulate in Cerebrospinal Fluid from HAM/TSP Patients", Proceedings of the National Academy of Science USA, 95:7568-7573 (1998) |
| | Hamad, A.R.A., et al, "Potent T Cell Activation with Dimeric Peptide-Major Histocompatibility Complex Class II Ligand: The Role of CD4 Coreceptor" Journal of Experimental Medicine, 188:1633-1640 (1998) |

EXAMINER DATE CONSIDERED 11/2

Sheet_3_ of_3_

| FORM PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. P-5299 | SERIAL NO. 10/045,949 | |
|---|--|-------------------------------|--------------------------|--|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | APPLICANT Kenneth A. Davis | | |
| | • | FILING DATE January 11, 2002 | GROUP / ረረረ | |

| | OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | |
|---|---|--|--|--|--|
| R | Galbraith, D.W., et al, "Flow Cytometric Analysis and FACS Sorting of Cells Based on GFP Accumulation", Methods in Cell Biology, 58:315-341 (1999) | | | | |
| | Comack, B.P., et al, "FACS-Optimized Mutants of the Green Fluorescent Protein (GFP)", Gene, 173:33-38 (1996) | | | | |
| | Matz, M.V., et al, "Fluoresent Proteins From Nonbioluminescent Anthozoa Species", Nature Biotechnology, 17:969-973 (1999) | | | | |
| | Baird, G.S., et al, "Biochemistry, Mutagenesis, and Oligomerization of DsRed, a Red Fluorescent Protein from Coral", Proceedings of the National Academy of Science USA, 97:11984-11989 (2000) | | | | |
| | Gross, L.A., et al, "The Structure of the Chromophore within DsRed a Red Fluorescent Protein From Coral", Proceedings of the National Academy of Science USA, 97:11990-11995 (2000) | | | | |
| | Heikal, A.A., et al, "Molecular Spectroscopy and Dynamics of Intrinsically Fluorescent Proteins: Coral Red (dsRed) in Yellow (Citrine)" Proceedings of the National Academy of Science USA, 97:11996-12001 (2000) | | | | |
| | Wall, M.A., et al, "The Structural Basis For Red Fluorescence in the Tetrameric GFP Homolog DsRed)", Nature Structural Biology, 7:1133-1138 (2000) | | | | |

EXAMINER DATE CONSIDERED 11/28/03